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M P S E R E H  
(TM)  
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Release 3.1A John F. Collins, Biocomputing Research Unit.  
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MPsrch\_pp protein - protein database search, using Smith-Waterman algorithm

on: Thu Jan 13 09:31:42 2000; Maspar time 6.33 Seconds  
698.067 Million cell updates/sec  
lar output not generated.

Title: >US-08-978-217-16  
Description: (1-371) from US08978217.pap  
Perfect Score: 2706  
Sequence: 1 MATCEISNVSFNFNAMYS.....YKFGKSGWKEEVEGESRN 371

Scoring table: PAM 150  
Gap 11

Searched: 122461 seqs, 11912985 residues

Post-processing: Minimum Match 0%  
Listing first 45 summaries

Database: a-issued  
1:5A\_COMB 2:5B\_COMB 3:PCT9\_COMB 4:backfiles1

Statistics: Mean 33.305; Variance 155.589; scale 0.214

Pred. No. is the number of results predicted by chance to have a  
score greater than or equal to the score of the result being printed,  
and is derived by analysis of the total score distribution.

## SUMMARIES

Result No.	Score	Query Match	Length	DB	ID	Description	Pred. No.
1	2387	88.2	371	2	US-08-746-	Sequence 2, Applicatio	6.63e+204
2	353	13.0	80	2	US-08-469-	Sequence 15, Applicati	7.17e+20
3	353	13.0	521	1	US-08-368-	Sequence 2, Applicatio	7.17e+20
4	353	13.0	581	1	US-08-368-	Sequence 4, Applicatio	7.17e+20
5	331	12.2	79	2	US-08-469-	Sequence 12, Applicati	5.39e+18
6	310	11.5	555	2	US-08-780-	Sequence 2, Applicatio	3.25e+16
7	306	11.3	543	2	US-08-469-	Sequence 7, Applicatio	7.08e+16
8	306	11.3	548	2	US-08-469-	Sequence 2, Applicatio	7.08e+16
9	299	11.0	78	2	US-08-469-	Sequence 13, Applicati	2.76e+15
10	295	10.9	81	2	US-08-469-	Sequence 14, Applicati	5.99e+15
11	292	10.8	78	2	US-08-469-	Sequence 10, Applicati	1.07e+14
12	267	9.9	78	2	US-08-469-	Sequence 11, Applicati	1.32e+12
13	204	7.5	81	2	US-08-469-	Sequence 16, Applicati	1.89e+07
14	110	4.1	522	2	US-08-625-	Sequence 2, Applicatio	2.69e+00
15	101	3.7	1022	2	US-08-222-	Sequence 27, Applicati	1.12e+01
16	101	3.7	1022	2	US-08-271-	Sequence 8, Applicatio	1.12e+01
17	94	3.5	310	3	PCT-US95-0	Sequence 6, Applicatio	3.32e+01
18	94	3.5	622	2	US-08-664-	Sequence 2, Applicatio	3.32e+01
19	90	3.3	531	2	US-08-923-	Sequence 12, Applicati	6.09e+01
20	87	3.2	280	1	US-08-459-	Sequence 8, Applicatio	9.53e+01
21	87	3.2	280	1	US-08-460-	Sequence 8, Applicatio	9.53e+01
22	87	3.2	280	1	US-08-434-	Sequence 8, Applicatio	9.53e+01
23	87	3.2	280	1	US-08-459-	Sequence 8, Applicatio	9.53e+01

24	87	3.2	370	1	US-08-460-	Sequence 6, Applicatio	9.53e+01
25	87	3.2	370	1	US-08-459-	Sequence 6, Applicatio	9.53e+01
26	87	3.2	370	1	US-08-459-	Sequence 6, Applicatio	9.53e+01
27	87	3.2	370	1	US-08-434-	Sequence 4, Applicatio	9.53e+01
28	87	3.2	397	1	US-08-460-	Sequence 2, Applicatio	9.53e+01
29	87	3.2	397	1	US-08-460-	Sequence 2, Applicatio	9.53e+01
30	87	3.2	397	1	US-08-460-	Sequence 2, Applicatio	9.53e+01
31	87	3.2	397	1	US-08-459-	Sequence 4, Applicatio	9.53e+01
32	87	3.2	397	1	US-08-459-	Sequence 4, Applicatio	9.53e+01
33	87	3.2	397	1	US-08-434-	Sequence 2, Applicatio	9.53e+01
34	87	3.2	397	1	US-08-459-	Sequence 2, Applicatio	9.53e+01
35	87	3.2	397	1	US-08-459-	Sequence 2, Applicatio	9.53e+01
36	87	3.2	614	2	PCT-US95-0	Sequence 21, Applicati	9.53e+01
37	86	3.2	645	2	US-07-968-	Sequence 2, Applicatio	1.11e+02
38	86	3.2	645	1	US-08-459-	Sequence 2, Applicatio	1.11e+02
39	86	3.2	658	3	PCT-US95-1	Sequence 2, Applicatio	9.53e+01
40	87	3.2	958	1	US-08-426-	Sequence 4, Applicatio	9.53e+01
41	84	3.1	186	2	US-08-308-	Sequence 4, Applicatio	1.48e+02
42	84	3.1	186	3	PCT-US93-0	Sequence 4, Applicatio	1.48e+02
43	84	3.1	186	3	PCT-US93-0	Sequence 4, Applicatio	1.48e+02
44	85	3.1	890	1	US-08-145-	Sequence 5, Applicatio	1.28e+02
45	85	3.1	890	3	PCT-US94-0	Sequence 5, Applicatio	1.28e+02

## ALIGNMENTS

RESULT 1  
ID US-08-746-789A-2 STANDARD; PRT; 371 AA.

AC xxxxxx

Sequence 2, Application US/08746789A

Sequence 2, Application US/08746789A  
Patent No. 5789200

GENERAL INFORMATION:

APPLICANT: Ismail Kola, Martin J. Tyms, Christine Debouck  
TITLE OF INVENTION: A No. 5789200el Human ETS Family Member, ELF3

NUMBER OF SEQUENCES: 4

CORRESPONDENCE ADDRESS:

STREET: 709 Swedeland Road, P.O. Box 1539

CITY: King of Prussia

STATE: PA

COUNTRY: USA

ZIP: 19406-0939

COMPUTER READABLE FORM:  
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE

COMPUTER: IBM 486  
OPERATING SYSTEM: WINDOWS FOR WORKGROUPS

SOFTWARE: MICROSOFT WORD  
CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/746,789A

FILING DATE: NO. 5789200el December 15, 1996

CLASSIFICATION: 514

PRIOR APPLICATION DATA:

APPLICATION NUMBER:

FILING DATE:

ATTORNEY/AGENT INFORMATION:

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REGISTRATION NUMBER: 34,344

REFERENCE/DOCKET NUMBER: ATG 50024

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INFORMATION FOR SEQ ID NO: 2:

SEQUENCE CHARACTERISTICS:  
LENGTH: 371  
TYPE: Amino Acid  
TOPOLOGY: Linear

SEQUENCE 371 AA: 41588 MW: 688671 CN:

